

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019844.D
 Acq On : 2 Dec 2015 21:17
 Operator : UM/NP
 Sample : G4585-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-13(0-8)

Quant Time: Dec 03 00:12:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	21674	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	86996	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	61408	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	179739	20.00	ng	0.00
75) Chrysene-d12	21.79	240	225987	20.00	ng	0.00
86) Perylene-d12	25.09	264	210301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	143188	119.40	ng	0.00
7) Phenol-d6	7.27	99	194562	107.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	151550	88.91	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	131275	139.72	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	374225	83.21	ng	0.00
78) Terphenyl-d14	20.11	244	819824	88.49	ng	0.00

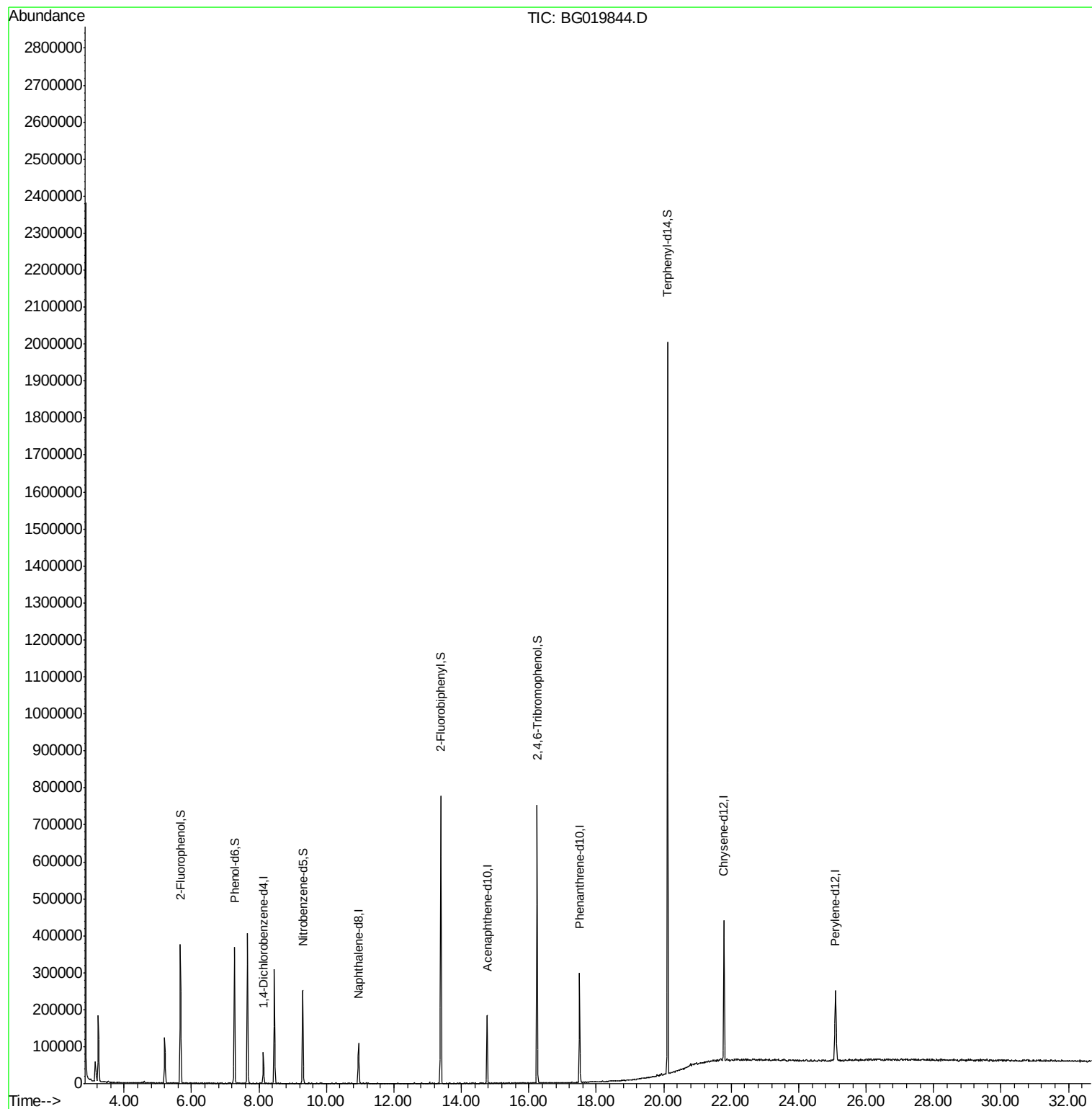
Target Compounds	Qvalue
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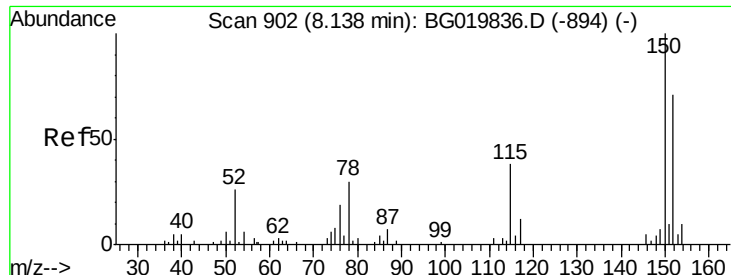
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-13(0-8)

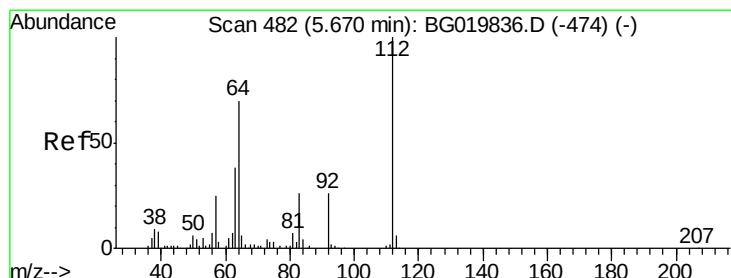
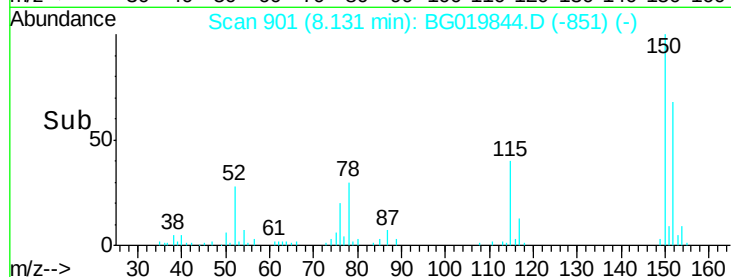
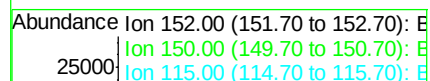
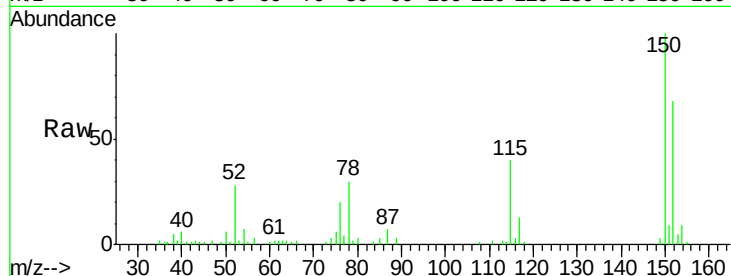
Tgt Ion:152 Resp: 21674

Ion Ratio Lower Upper

152 100

150 147.6 115.0 172.4

115 58.3 43.9 65.9



#5

2-Fluorophenol

Concen: 119.40 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

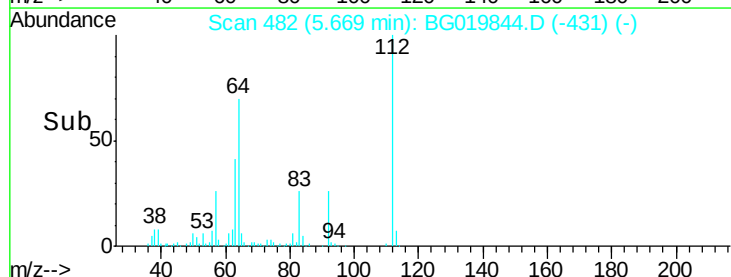
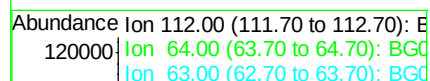
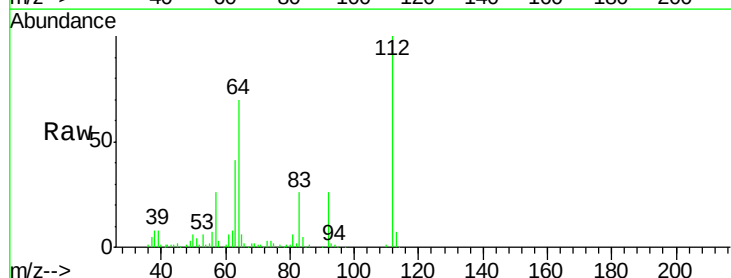
Tgt Ion:112 Resp: 143188

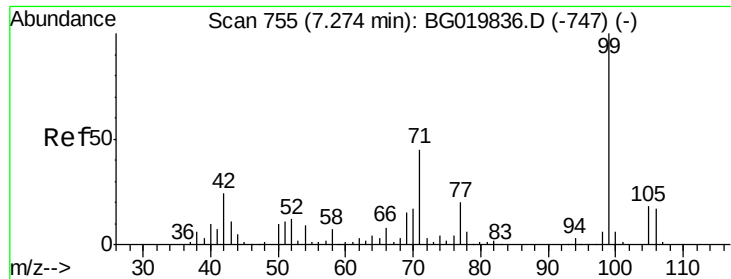
Ion Ratio Lower Upper

112 100

64 69.9 43.7 65.5#

63 41.0 24.0 36.0#





#7

Phenol-d6

Concen: 107.46 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-13(0-8)

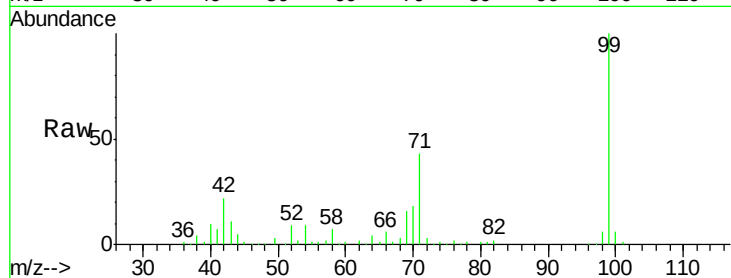
Tgt Ion: 99 Resp: 194562

Ion Ratio Lower Upper

99 100

42 22.3 11.5 17.3#

71 43.0 22.6 34.0#

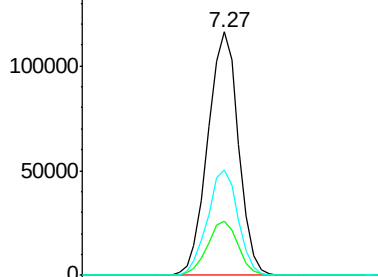


Abundance

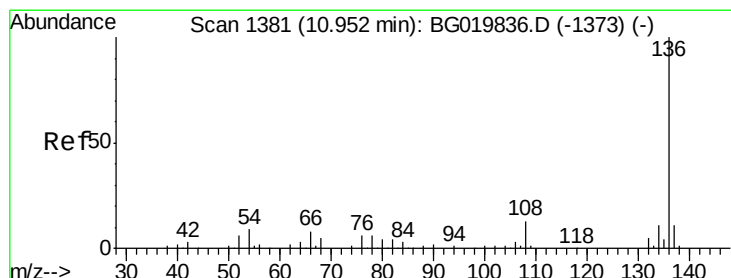
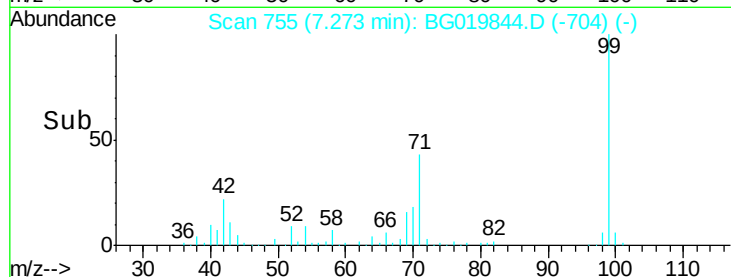
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

Tgt Ion: 136 Resp: 86996

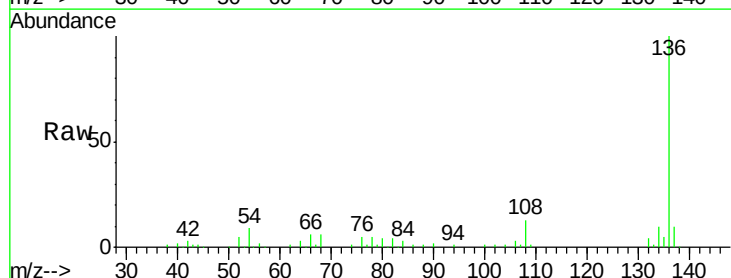
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 9.6 5.4 8.2#

68 5.6 5.3 7.9



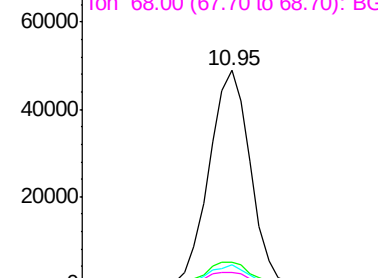
Abundance

Ion 136.00 (135.70 to 136.70): BGC

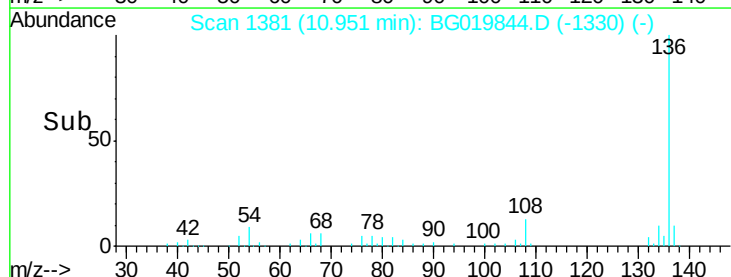
Ion 137.00 (136.70 to 137.70): BGC

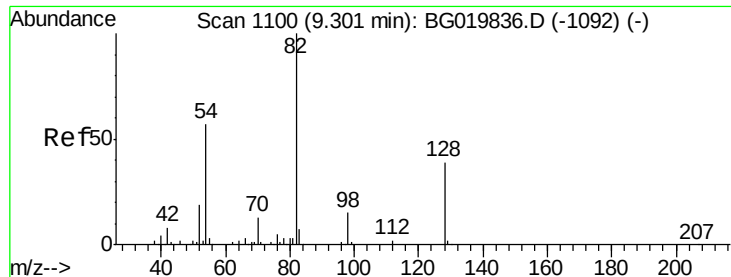
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

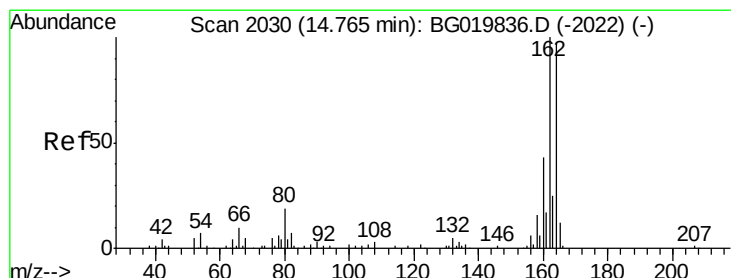
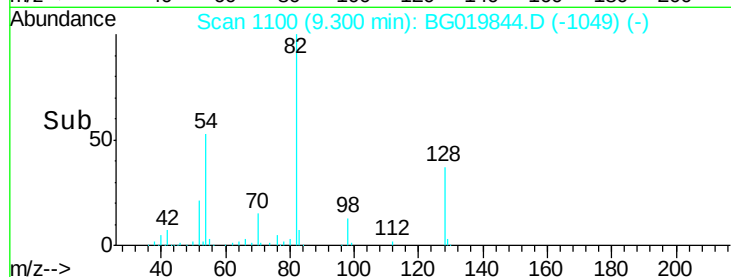
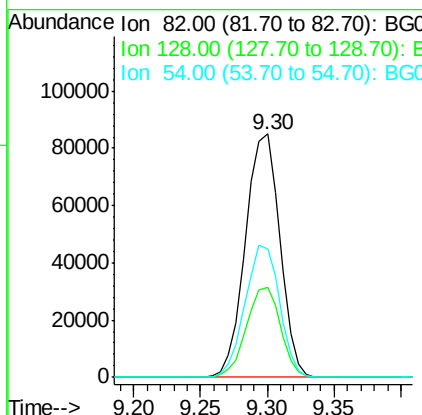
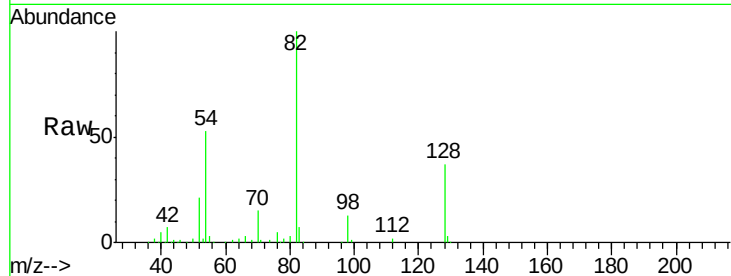




#23
 Nitrobenzene-d5
 Concen: 88.91 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BG019844.D
 Acq: 2 Dec 2015 21:17

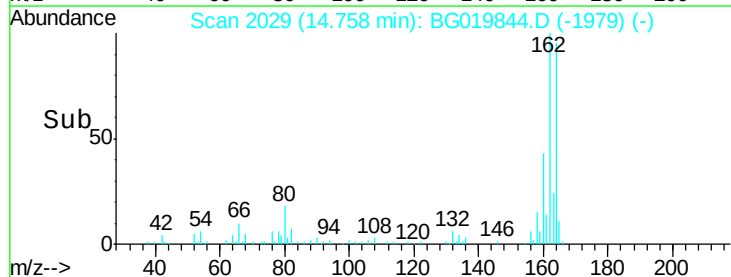
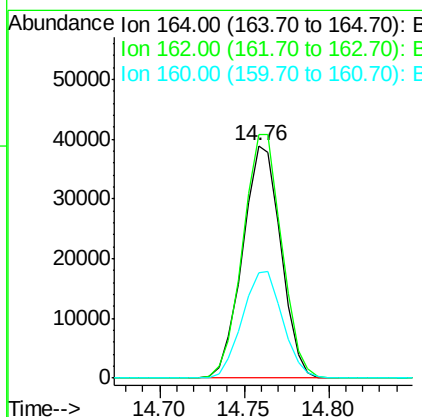
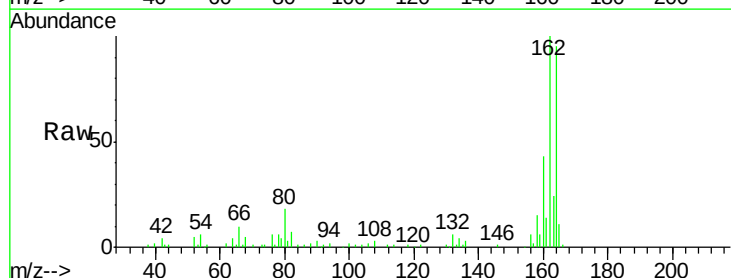
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-13(0-8)

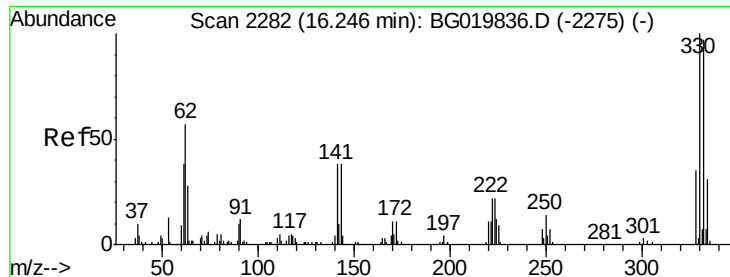
Tgt Ion: 82 Resp: 151550
 Ion Ratio Lower Upper
 82 100
 128 37.0 36.7 55.1
 54 52.7 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG019844.D
 Acq: 2 Dec 2015 21:17

Tgt Ion: 164 Resp: 61408
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 45.3 36.4 54.6

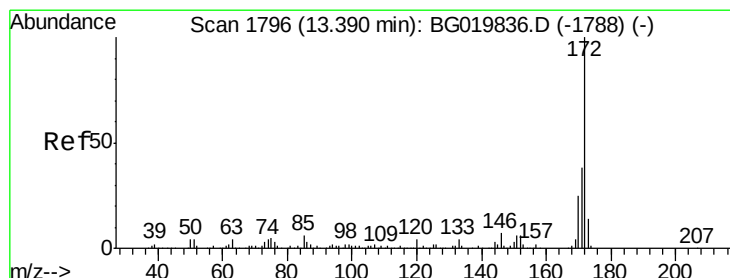
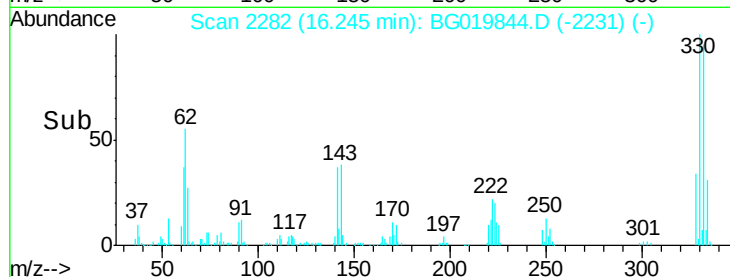
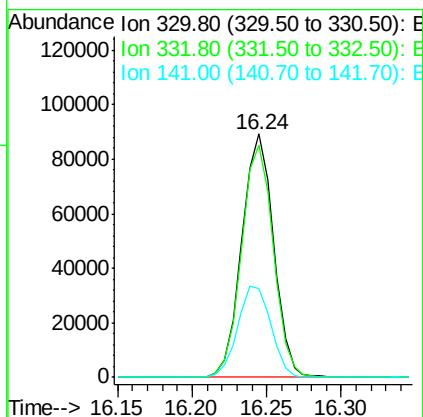
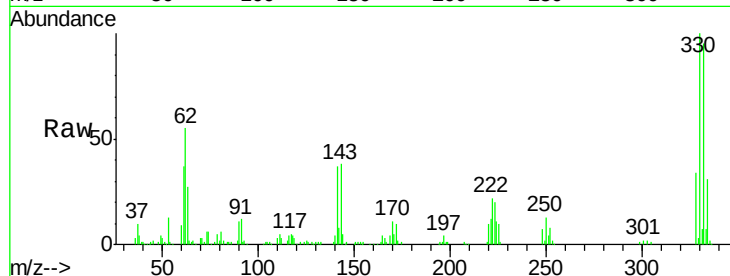




#41
 2,4,6-Tribromophenol
 Concen: 139.72 ng
 RT: 16.24 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BG019844.D
 Acq: 2 Dec 2015 21:17

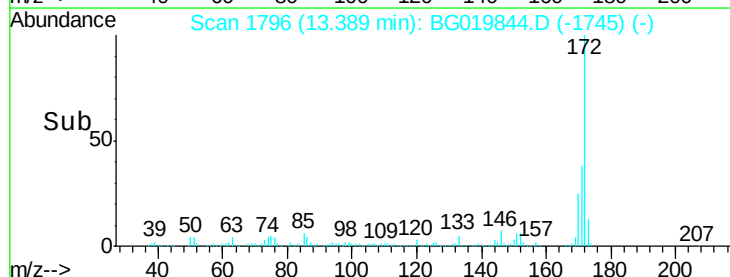
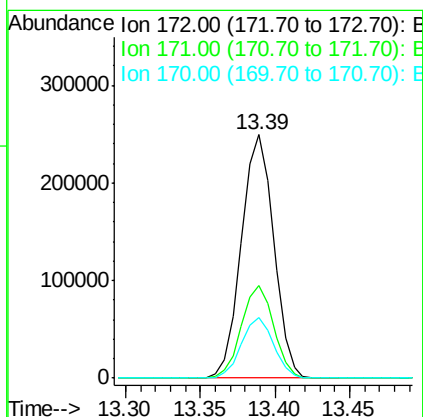
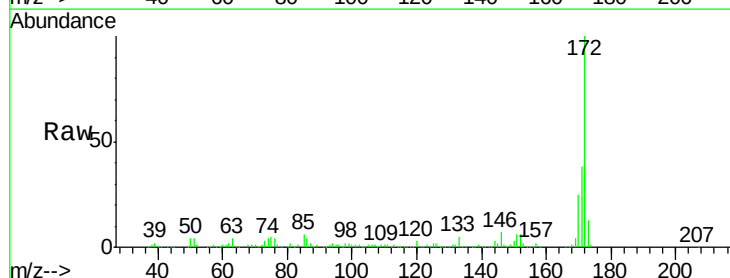
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-13(0-8)

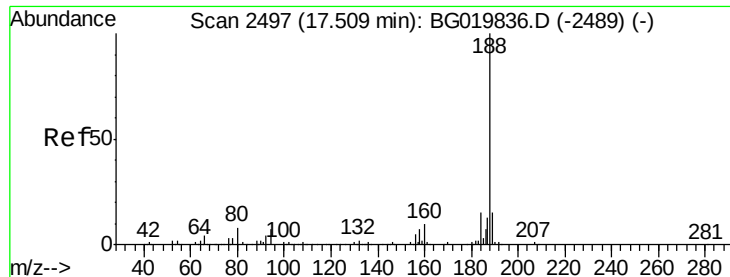
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	39.5	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 83.21 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG019844.D
 Acq: 2 Dec 2015 21:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	24.7	19.9	29.9

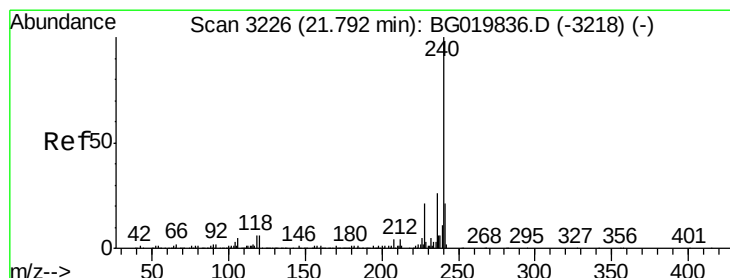
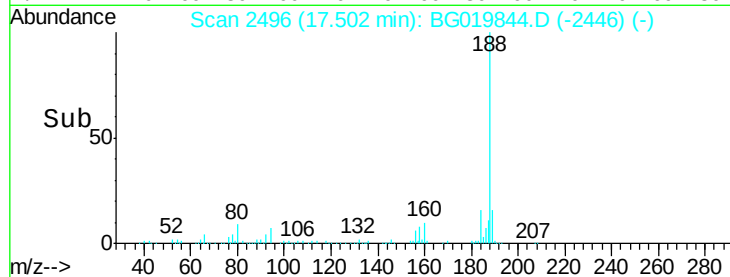
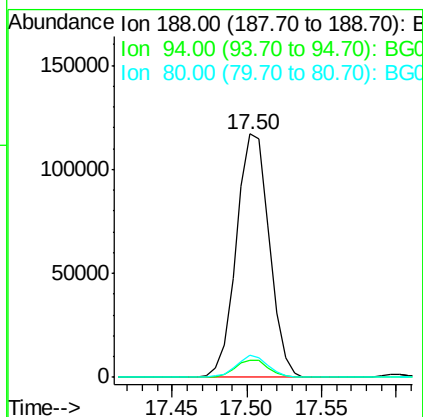
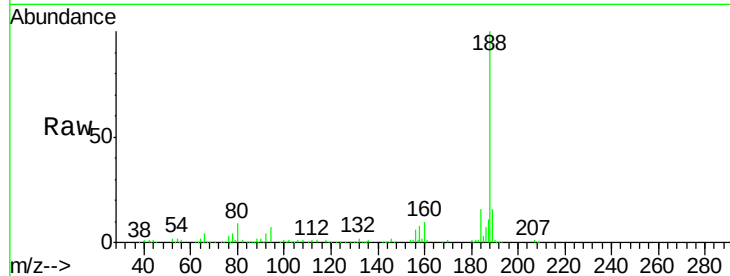




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG019844.D
Acq: 2 Dec 2015 21:17

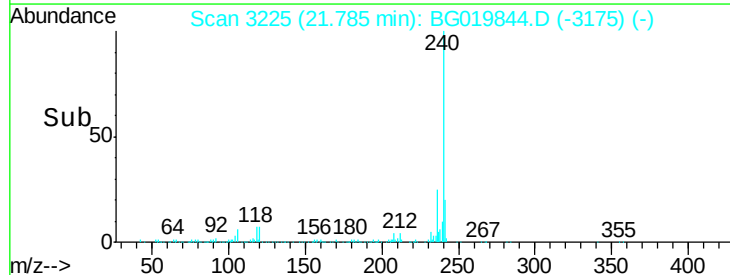
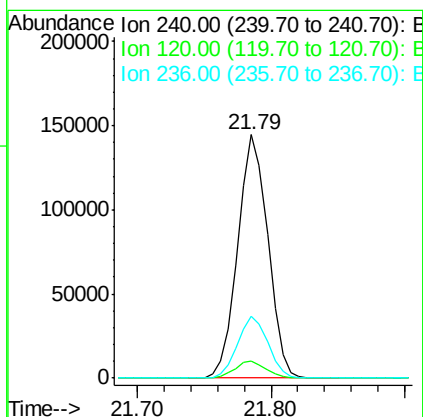
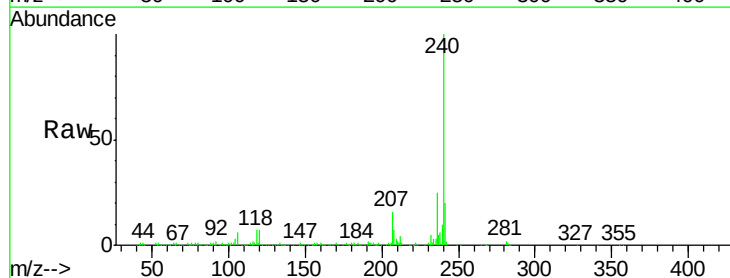
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-13(0-8)

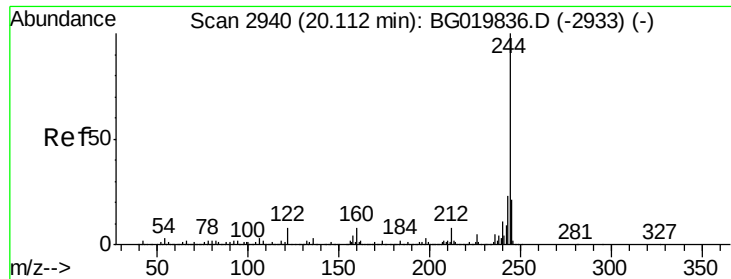
Tgt Ion:188 Resp: 179739
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG019844.D
Acq: 2 Dec 2015 21:17

Tgt Ion:240 Resp: 225987
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 88.49 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.00 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-13(0-8)

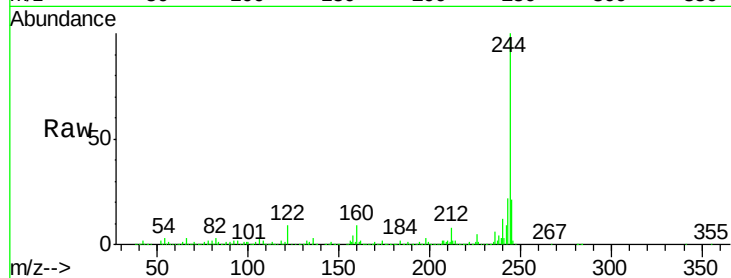
Tgt Ion:244 Resp: 819824

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

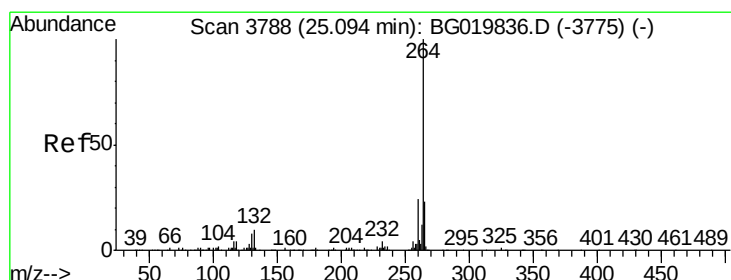
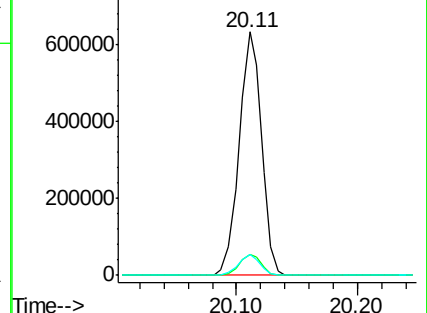
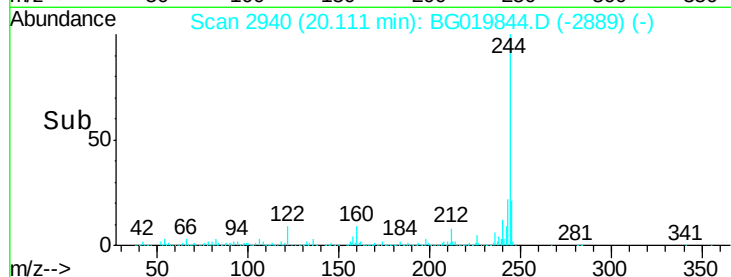
122 8.6 10.2 15.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3788

Delta R.T. -0.00 min

Lab File: BG019844.D

Acq: 2 Dec 2015 21:17

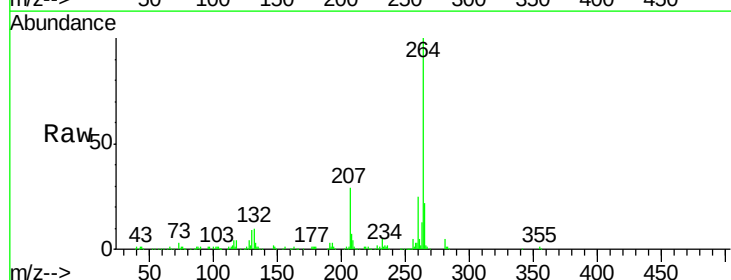
Tgt Ion:264 Resp: 210301

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 22.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

